

--21. (New) An isolated antibody that binds with an HIV-2 protein selected from gp300, p200, and p90/80.

22. (New) An isolated antibody according to claim 21, wherein the HIV-2 protein is gp300.

Beantid.
23. (New) An isolated antibody according to claim 21, wherein the HIV-2 protein is p200.

24. (New) An isolated antibody according to claim 21, wherein the HIV-2 protein is p90/80.

25. (New) An isolated antibody according to claim 21, wherein the antibody is labeled with one or more immunoassay labels.

26. (New) An isolated antibody according to claim 25, wherein the one or more immunoassay labels is one or more of a radioisotope, an enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

27. (New) An isolated antibody according to claim 21, wherein the antibody is a polyclonal antibody.

28. (New) An isolated antibody according to claim 21, wherein the antibody is a monoclonal antibody.

Beantid 29. (New) An isolated antibody according to claim 22, wherein the HIV-2 protein gp300 is a glycoprotein of HIV-2 having an apparent molecular weight of about 300 kilodaltons (Kd) by SDS-PAGE.

30. (New) An isolated antibody according to claim 29, wherein the HIV-2 protein gp300 comprises two gp140 monomers.

31. (New) An isolated antibody according to claim 23, wherein the HIV-2 protein p200 is a substantially unglycosylated protein of HIV-2 having an apparent molecular weight of about 200 kilodaltons (Kd) by SDS-PAGE.

FINNEGAN
ENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

32. (New) An isolated antibody according to claim 24, wherein the HIV-2 protein p90/p80 is a substantially unglycosylated protein of HIV-2 having an apparent molecular weight of about 90 kilodaltons (Kd) to about 80 Kd by SDS-PAGE.

33. (New) An isolated antibody that binds with gp300_{SIV}.

Revised.
34. (New) An isolated antibody according to claim 33, wherein the antibody is labeled with one or more immunoassay labels.

35. (New) An isolated antibody according to claim 34, wherein the one or more immunoassay labels is one or more of a radioisotope, an enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

36. (New) An isolated antibody according to claim 33, wherein the gp300_{SIV} is a glycoprotein of SIV having an apparent molecular weight of about 300 kilodaltons (Kd) by SDS-PAGE.

37. (New) An isolated antibody according to claim 33, wherein the antibody is a polyclonal antibody.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com